

**If**  
*you can't make it  
this year but . . . . .* ▶

*would like to know more  
about DCS vibration  
Data Acquisition  
equipment . . . .*

Get in touch with the DCS  
office closest to you  
for additional information  
and/or a demonstration.

Fill in and send us the  
reply card . . . we'll  
be in touch.



**DATA-CONTROL SYSTEMS INC.**  
*Instrumentation for Research*

**OFFICES:**

East Liberty Street  
Danbury, Connecticut 06810  
(203) 743-9241

8720 Georgia Avenue  
Silver Spring, Maryland 20910  
(301) 587-1965

2750 Bellflower Boulevard  
Long Beach, California 90815  
(213) 425-1265

501 N. Park Avenue  
Winter Park, Florida 32789  
(305) 644-5654

2109 W. Clinton Avenue  
Huntsville, Alabama 35805  
(205) 536-4907

501 Washington Street  
Santa Clara, California 95050  
(408) 241-6820

*An Invitation  
from*



**to visit with us  
at  
IES '67**



**DATA-CONTROL SYSTEMS INC.**  
*Instrumentation for Research*

East Liberty Street, Danbury, Conn. 06810  
Telephone: 203-743-9241 TWX 710-456-2596



Some of these devices and others  
will be on display...

We'll have an  
operating Data  
Acquisition-Playback  
Series 2000 System  
at IES

We'll be happy to  
show you how we can  
record 98 channels of  
vibration Test Data  
on a single magnetic tape.

We'll hope to meet you.  
Come by Booth No. 65  
and say hello.

### Charge Amplifier TRIPLETS!

#### HIGH PERFORMANCE...

DCS Model GCA-1 Charge Amplifier with VCO and Galvo outputs... Built-in calibration.



#### WITH EXTRA FUNCTIONS...

DCS Model GCA-2 Charge Amplifier with servo control output and front panel meter.



#### FOR MULTI-FUNCTION PIEZOELECTRIC TRANSDUCER SIGNAL CONDITIONING...

DCS Model GOC-5 Charge Amplifier/VCO combination. Compact for portable and field use.



#### AND... They're omniplugable

with DCS VCO's, Millivolt Oscillators, Low Level Amplifiers, Line Amplifiers, Discriminators, Crystal Oscillators, Translators, signal conditioning, calibrators, and magnetic tape recording equipment.

INTERESTED? Call our office nearest you for information and data bulletins on DCS Charge Amplifiers.  
Or write directly to:

Department T-2, Data-Control Systems, Inc.  
East Liberty Street, Danbury, Connecticut 06813  
Telephone: 203-743-9241 TWX 744-1999



**DATA-CONTROL SYSTEMS INC.**  
Instrumentation for Research

Sales Offices  
Silver Spring, Md., Huntville, Winter Park, Long Beach, Santa Clara,  
Albuquerque  
Copenhagen London Rome Paris Munich Amsterdam

### WANT these features...

- 7 to 98 Channels
- All Recorded on one 1" magnetic tape
- Time and phase correlation between all channels
- Frequency response from DC to 2.5 KC
- Loop Recorder capability
- Time base change on playback
- Built-in signal conditioning for piezoelectric, strain gage, and high level transducers
- Output drives oscillographs and analysis equipment directly
- Low per-channel cost
- Low operating cost

### ... in a system to record Vibration Test Data ?

... then we have a package you'll want to hear about. We call it the Series 2000 Vibration Data Recorder. Its modular... you can buy part now... add to it later if you need to. You can even put modules in remote test cells and wire them all into a centralized data system... but space does not permit full description here...

For a complete description including performance data, call or write for our new eight-page brochure. Please use the coupon below.

Dept. TEM-66  
DATA-CONTROL SYSTEMS, INC.  
E. Liberty St., Danbury, Connecticut 06813-9241

Please send me the brochure on DCS new Vibration Data Recorder

NAME \_\_\_\_\_  
COMPANY \_\_\_\_\_  
ADDRESS \_\_\_\_\_

## 8 INTERCHANGEABLE REASONS... why your vibration data system should be by

These plug-in modules adapt the system front end to piezoelectric, velocity, strain gage, thermocouple, high and low level sensor outputs.

We have others, too. You can use them to record up to 98 data channels on a single IRIG standard magnetic tape recorder... with interchannel phase correlation better than 3°.

Or you can transmit seven data channels, free of 60 HZ and ground loop interference and attenuation problems, to a Data Central area from a few hundred feet to a few miles away.

We'll also build in a data reduction/digital capability if you want.

Interested? Write for your free copy of the new DCS Series 2000 Vibration Data Recorder brochure — or call the DCS office nearest you.

Dept. TEM 3-7, East Liberty Street,  
Danbury, Conn. 06810  
Telephone: 203-743-9241  
TWX 710-456-2596



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Copenhagen London Rome Paris Munich Amsterdam

Institute of Environmental Sciences  
Equipment Exposition . . . Shoreham Hotel  
Washington, D.C. April 10-12, 1967



**DATA-CONTROL SYSTEMS, INC.****DCS**

NAME \_\_\_\_\_

TITLE \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- ☐ Please call me by telephone.
- ☐ Have your district engineering representative contact me.
- ☐ My requirement is to record D.C. to 5 KC, 10 KC, 20 KC (circle one) data.
- ☐ I need more information with respect to:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I am also interested in:

- ☐ FM/FM Telemetry Systems.
- ☐ Telemetry Receivers.
- ☐ PCM Synchronizers, Decommunators, D/A Conv.
- ☐ Wide Band FM Recording.
- ☐ Data Transmission Systems.

**BUSINESS REPLY MAIL**

No postage stamp necessary if mailed in the United States

— POSTAGE WILL BE PAID BY —

**DATA-CONTROL SYSTEMS, INC.**  
**EAST LIBERTY STREET**  
**DANBURY, CONNECTICUT**

**FIRST CLASS**

**Permit No. 53**

**DANBURY, CONN.**

